



* Motherboard is optional

Features

- ✓ Mini-ITX Chassis with PCI Gaming I/O Card
- ✓ Suitable for any Mini-ITX Motherboard with PCI Slot
- ✓ Standard 8-liner (72-pin plus 10-pin) Interface
- ✓ 25 Digital Inputs, 26 Digital Outputs, 512KB NVRAM, 4 x 16-bit Timers
- ✓ Chassis Intrusion Switch
- ✓ 3 x Serial Ports, Intrusion Logger, Real Time Clock, Software Protection (Optional)

Specification

Introduction

ACE-MINI series is a solution for gaming machine system integrators who want to use low cost and flexible MINI-ITX motherboard as the computing platform. ACE-MINI contains a PCI bus gaming I/O control card (ACE-B2019/A), an AC input power supply and a chassis. Any MINI-ITX motherboard with a PCI slot can fit in the ACE-MINI. There are five configurations in ACE-MINI series.

General

Dimension	266.2 x 245.5 x 134.5mm
System Thermal	One system fan with 3-pin 2.5mm female connector
CPU Board	<ol style="list-style-type: none"> Suitable for any Mini-ITX motherboard with PCI slot Optional AR-B5495 Mini-ITX motherboard <ol style="list-style-type: none"> Fanless Atom N270 1.66GHz + 945GSE + ICH7M External I/O: PS2 keyboard/mouse connector, VGA, 1 x RS-232, 1 x Giga LAN, 1 x 100Mbps LAN, 4 x USB2.0, Mic-in, Line out, 1 x LPT Internal: 1x DIMM for maximum 2GB DDR2, 2 x SATA, 1 x IDE, 2 x USB2.0, 7 x RS-232, 18-bit LVDS, 1 x LPT
Thermal	One system fan
Storage	One 2.5" HDD bay
Chassis Intrusion Switch	One chassis intrusion switch with 2 pin JST 2.0mm male connector
Front Panel	<ol style="list-style-type: none"> Standard Mini-ITX bracket opening 1 x PCI card bracket D-sub 9 connector opening Power LED ATX power switch
Software Development Kit	<ol style="list-style-type: none"> Supports Windows XP, XP embedded and Linux Gaming I/O controller device drivers and Application Program Interface (API) Programming guide
Power Supply	100 or 180 Watts ATX power supply

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Gaming I/O Card

Model No.	ACE-B2019A	ACE-B2019
Interface	8-liner 72+20 golden finger interface	Same as 2019A
Digital Input	30 x 5KV optical isolated digital inputs	Same as 2019A
Digital Output	<ol style="list-style-type: none"> 25 x 500mA MOSFET outputs 2 x 1000mA outputs 	Same as 2019A
DIP Switch	One 8-bit software readable DIP switch	Same as 2019A
Timer	Four 16-bit timers with timeout interrupt	Same as 2019A
SRAM	2 x 512KB SRAM with battery backup	256KB SRAM with battery backup
Serial Port	<ol style="list-style-type: none"> 3 serial ports. SAS bit-9 protocol support COM1: RS-232/TTL COM2: RS-232/ccTalk COM3: RS-232/ccTalk 	N/A
Secured Real Time Clock	<ol style="list-style-type: none"> Password protected Intrusion logger event time stamp 	N/A
Intrusion Logger	<ol style="list-style-type: none"> Battery operated 5 x intrusion logger for door switch on 8-liner interface 1 x power on/off change logger 1 x chassis intrusion switch logger Battery voltage low detection Each intrusion logger logs 3 events with time stamp in ring buffer 	N/A
Software Security	<ol style="list-style-type: none"> iButton socket. Supports any iButton chip. Acrosser patent programmable unique ID ProtectU® 	N/A
Reel Mechanism Controller	<ol style="list-style-type: none"> Optional: Come with ACE-MINI5495R Support up to 6 Star Point reels 	N/A

Ordering Information

Model	Gaming I/O Card	Motherboard	Reel Mechanism Controller (AR-B2009)	PSU
ACE-MINI	ACE-B2019	N/A	N/A	180W
ACE-MINI-A	ACE-B2019A	N/A	N/A	180W
ACE-MINI5495	ACE-B2019	AR-B5495	N/A	100W
ACE-MINI5945A	ACE-B2019A	AR-B5495	N/A	100W
ACE-MINI5495R	ACE-B2019A	AR-B5495	AR-B2009	100W

Note: There will be more standard MINI-ITX mother board from Acrosser. Please contact with Acrosser's sales representative for further